DOCUMENT RESUME

ED 167 215 JC 798 159

TITLE Arizona Community Colleges: Annual Report to the Governor, Fiscal 1977-78.
INSTITUTION Arizona State Board of Directors for Junior Colleges, Phoenix.
PUB DATE 78
NOTE 77p.

EDRS PRICE MF-$0.83 HC-$4.67 Plus Postage.
DESCRIPTORS Administrative Organization; Age; College Curriculum; College Faculty; College Majors; Community Colleges; *Educational Finance; *Enrollment Trends; Ethnic Groups; Expenditures; Governing Boards; *Junior Colleges; *Junior College Students; Personnel Data; Place of Residence; School District Spending; State Aid; Tax Support; *Vocational Education
IDENTIFIERS *Arizona

ABSTRACT

Data on the community college system in Arizona are provided in five sections. The first section lists the State Board members, outlines Board and Central Staff expenditures, and provides the philosophy of the community colleges. The second section locates the nine college districts, the 14 colleges, ten skill centers, and 22 campuses. The third segment presents financial data, revealing that 44% of the total community college revenues of $109,874,947 came from district tax levy and that another 33% came from state aid. Total expenditures for 1977-78 were $92,465,082; 88% of these were in the operations category, 8% for capital outlay, and 4% for debt service. This section also provides source and distribution of funds for each district and campus; summarizes bonded indebtedness and plant investments, and current operating expenditures; and analyzes state aid income and its history. The fourth part of the report, containing enrollment data, analyzes full-time student equivalent and headcount growth patterns for each district and for the vocational programs; considers residency and ethnic status and age for students in each county; presents information on certificated and non-certificated personnel; and reviews enrollments by program. The fifth section deals with career development in the community colleges and presents a curricula matrix for the colleges. (AYC)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED167215

Annual Report to the Governor

Fiscal 1977-78

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY

State Board of Dirs. for Community Colleges

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC) AND USERS OF THE ERIC SYSTEM."

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE NATIONAL INSTITUTE OF EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

Arizona Community Colleges

JC 790 159

State Board of Directors for Community Colleges of Arizona

TABLE OF CONTENTS

SECTION ONE - State Board

State Board Members

Statement of Philosophy 1

State Board & Central Staff Expenditures, 1977-78 2

SECTION TWO - Community College Districts

Location (Map) 3

Addresses 4

SECTION THREE - Financial Data - Pie Charts 7

Source and Disposition of Funds 8

Current Operating Expenditures 9

Analysis of State Aid Income 10

Bonded Indebtedness & Plant Investment 11

History of State Aid to Community Colleges 12

SECTION FOUR - Enrollment Data - Graphs 13

FTSE History 14

Headcount History 15

Vocational FTSE History 16

Characteristics, Fall 1977 17

Staffing Profile 18

Major Course of Study 19

Major Course of Study Enrollment Graph 20

SECTION FIVE - Career Development

Report 21

Curriculum Inventory Matrix 24

State Board of Directors for Community Colleges of Arizona

1535 WEST JEFFERSON, ROOM 123
PHOENIX, ARIZONA 85007
(602) 271-4037

BOARD MEMBERS

		Term Expires 1st Monday in:
Drew Shumway, Chairman	Navajo County	January 1979
Alice N. Larriva, Vice Chairman	Santa Cruz County	January 1979
C. Theodore Kraft, Secretary	Cochise County	January 1981
Don R. Preston, Treasurer	Graham County	January 1981
Joe Atmar	Yuma County	January 1980
Walter Brazie	Mohave County	January 1980
John Cuthbertson	Greenlee County	January 1985
Manuel H. Garcia	Pima County	January 1984
Johnny Gregovich	Gila County	January 1982
Wanda G. Hall	Apache County	January 1984
C. L. Harkins	Maricopa County	January 1983
Elizabeth A. Packard	Coconino County	January 1982
A. Paul Pearce	Pinal County	January 1985
Robert W. Prochnow	Yavapai County	January 1983
William J. Anderson	Ex-Officio, Vocational Education	
Dwight M. Patterson	Ex-Officio, Board of Regents	
Carolyn Warner	Ex-Officio, State Superintendent, Public Instruction	

ADMINISTRATIVE STAFF

Russell O. Bloyer, Executive Director
Eugene L. Dorr, Associate Director for Educational Services
Thomas J. Saad, Associate Director for Administrative Services
Sharon M. Wheeler, Research and Statistical Analyst
Helen G. Bracken, Certification Officer

STATEMENT OF PHILOSOPHY

The philosophy of the Arizona community college system is a reflection of the purpose of a free democratic society: government of, by and for the people. This can best be achieved by an educated populace so that all may exercise intelligently and morally the rights, privileges and duties of self-government. This entails the affirmation that each individual has worth and dignity, must be afforded an opportunity to develop skills and talents, and must share the responsibilities of providing educational services with the community.

Further, the philosophy recognizes that education is a vital lifelong process that--like the society to which it responds--is never static nor completely realized. Education in a democratic society aims to equip all members with the knowledge and techniques necessary for coping with the economic, social and political dynamics affecting not only the individual but also the community.

It is therefore appropriate that the individual, the community and the state should share the financing and governance of the community college system. At the district level, fiscal and educational policy can be determined by local needs. At the state level, it is imperative to establish standards, and to assess and coordinate needs and services in the best interest of the state.

Because the communities in Arizona differ widely in demographic, economic and geographical characteristics, the community colleges of Arizona must be permitted relative autonomy and a variety of curricula. But each community college must be committed to the following general objectives:

1. To offer the first two years of baccalaureate parallel or preprofessional courses of the highest quality, so that students enrolled in transfer programs may complete study for the baccalaureate in four-year colleges and universities.

2. To provide occupational programs in technical, vocational and paraprofessional fields leading to an associate degree or a certificate, and to provide retraining and upgrading of skills in these fields, so that students enrolled in occupational programs are qualified to meet current needs of the labor market.

3. To provide appropriate general education for all citizens, so that they may perform their personal and professional roles more effectively, and exercise their obligations and privileges as citizens more intelligently.

4. To offer programs in continuing education for those who wish to improve professional skills, acquire new ones, or expand their fields of knowledge and general interest.

5. To provide sound academic and occupational counseling, including job placement services, so that students may learn to define their goals clearly and pursue them realistically.

6. To provide cultural and community service programs for the enrichment of the community, and to encourage the use of community college facilities and services by all citizens of the community for educational and cultural purposes.

Finally, a democratic society prizes and values individual differences. The role of the community college is to encourage men and women of all ages to develop their skills and talents differently, each according to abilities and interests, so that collectively they contribute to the continuum of democracy.

STATE BOARD OF DIRECTORS FOR COMMUNITY COLLEGES OF ARIZONA

1977-78 Expenditures for State Board and Central Staff

State Board and Central Staff

General Fund Expenditures	1977-78 Appropriations	1977-78 Actual Expenditures	1977-78 Reversion
No. of FTE Positions	8	8	
Personal Services	$ 158,900	$ 147,862	$ 11,038
Employee Related Expenditures	25,500	19,529	5,971
Professional Services	14,000	14,000	-0-
Travel - State	22,300	14,244	8,056
Travel - Out-of-State	2,500	2,445	55
Operating Expenditures	24,675	24,653	22
Capital Outlay-Equipment	2,425	2,408	17
Total State Board and Central Staff	$ 250,300	$ 225,141	$ 25,159
State Aid to the Colleges	$ 37,862,878	$ 35,993,900	$1,868,978

Certification Fund Expenditures — No. of FTE Positions - 2

Revenue		
Balance Forward July 1, 1977		$ 17,440
Certification Fees for Year		27,911
Total Revenues		45,351
Expenditures		
Personal Services	$ 25,017	
Employee Related Expenditures	4,494	
Operating Expenditures	3,973	
Capital Outlay	-0-	
Total Expenditures		33,484
Balance Forward July 1, 1978		$ 11,867

Vocational Fund Expenditures — No. of FTE Positions - 1

Revenue		
Balance Forward July 1, 1977		$ 1,250
Funds Received for Year		48,285
Total Funds		49,535
Expenditures		
Personal Services	$ 22,863	
Employee Rel. Exp.	3,846	
Professional Svs.	7,202	
Travel	1,977	
Operating Expend.	3,528	
Capital Outlay	1,201	
Total Expenditures		40,617
Balance transferred to ADE 6/30/78		$ 8,918

CERTIFICATION ACTIVITIES - TEACHING CERTIFICATES ISSUED *

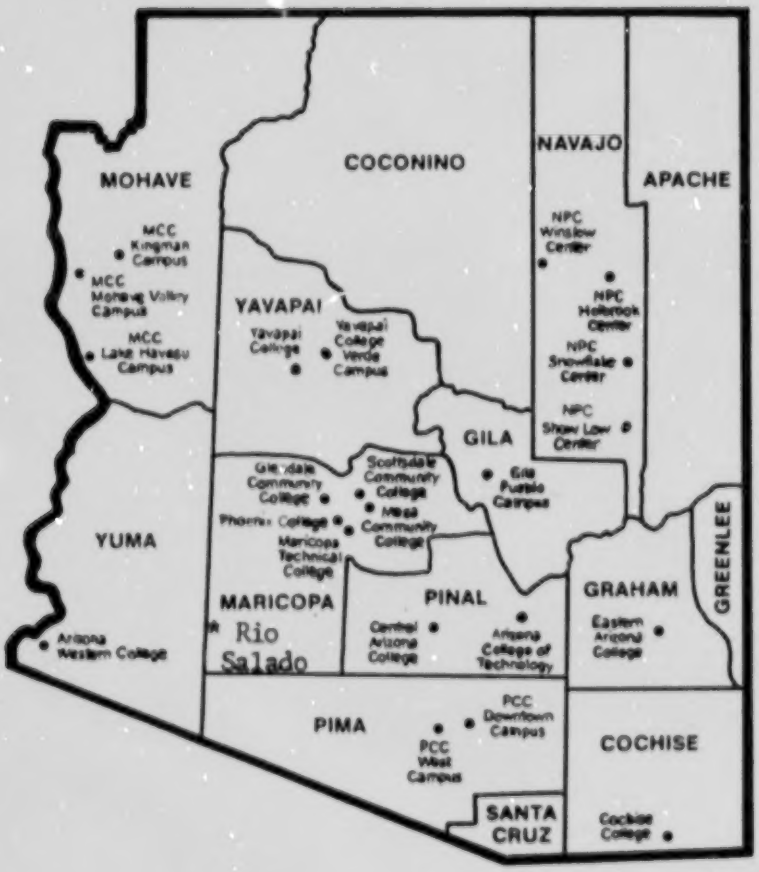
Old Guidelines		New Guidelines June 1, 1978	
Special (2-yr)	2,139	Special (2-yr)	41
Regular (6-yr)		Regular (Life)	46
A-1	740		
A-2	117		
A-3	15		
Provisional (1-yr)		Provisional (2-yr)	
A-1	445	A4a	15
A-2	136	A4b	0
A-3	11	A4c	0
Honorary (1-yr)	0	Honorary (1-yr)	0
Total Certificates Issued	3,603		102
		GRAND TOTAL	3,705

SECTION TWO

ARIZONA COMMUNITY COLLEGE DISTRICTS

ARIZONA

COMMUNITY COLLEGE DISTRICTS



9	Community College Districts
14	Colleges
10	Skill Centers
22	Campuses
379	Off Campus Locations

* Rio Salado Community College established Fall 1978.
(Centers throughout Maricopa County)

ARIZONA STATE COMMUNITY COLLEGES

COCHISE COLLEGE (1964)
Douglas, Arizona 85607
Interim President: Mr. Natalio Sabal — Tel. 364-7943

EASTERN ARIZONA COLLEGE (1962)
Thatcher, Arizona 85552
President: Mr. Wayne McGrath — Tel. 428-1133

MARICOPA COUNTY COMMUNITY COLLEGE DISTRICT (1962)
P. O. Box 13349 (3910 E. Washington St., Phoenix, Arizona 85034)
Phoenix, Arizona 85002
President: Dr. Paul A. Elsner — Tel. 244-8355

GLENDALE COMMUNITY COLLEGE (1965)
6000 West Olive
Glendale, Arizona 85301
President: Dr. John R. Waltrip — Tel. 934-2211

MARICOPA TECHNICAL COMMUNITY COLLEGE (1968)
106 East Washington Street
Phoenix, Arizona 85004
President: Dr. Norbert I. Bruemmer — Tel. 258-7251

MESA COMMUNITY COLLEGE (1965)
1833 West Southern
Mesa, Arizona 85202
Acting President: Mr. Theo Heap — Tel. 833-1261

PHOENIX COLLEGE (1962)
1202 West Thomas Road
Phoenix, Arizona 85013
President: Dr. William E. Berry — Tel. 264-2492

RIO SALADO COMMUNITY COLLEGE (1978)
2300 North Central Avenue
Suite 200
Phoenix, Arizona 85003
President: Mr. Walter Morrison — Tel. 258-4730

SCOTTSDALE COMMUNITY COLLEGE (1970)
9000 E. Chaparral Road
Scottsdale, Arizona 85252
President: Dr. Arthur W. DeCabooter — Tel. 947-5401

MOHAVE COMMUNITY COLLEGE (1971)
1971 Jagerson Avenue
Kingman, Arizona 86401
President: Dr. Keith A. West Tel. 757-4331

NAVAJO COUNTY COMMUNITY COLLEGE DISTRICT (1974)

NORTHLAND PIONEER COLLEGE
203 West Hopi Drive
Holbrook, Arizona 86025
President: Dr. Marvin L. Vasher Tel. 524-6106

SHOW LOW OFFICE
P. O. Box Drawer Y
Show Low, Arizona 85901 Tel. 537-2976

SNOWFLAKE OFFICE
Box 1000
Snowflake, Arizona 85937 Tel. 536-7871

WINSLOW OFFICE
Box A-T
Winslow, Arizona 86047 Tel. 289-5082

PIMA COMMUNITY COLLEGE (1970)
2202 West Anklam Road
Tucson, Arizona 85709
Interim President: Mr. Donald Klaasen Tel. 884-6666

PINAL COUNTY COMMUNITY COLLEGE DISTRICT (1969)
Woodruff at Overvfield Road
Coolidge, Arizona 85228
President: Dr. Mel A. Everingham Tel. 723-4141

ARIZONA COLLEGE OF TECHNOLOGY (1974)
Aravaipa Road, Star Route Box 97
Winkelman, Arizona 85292
Executive Dean: Dr. James W. Williams Tel. 356-7864

CENTRAL ARIZONA COLLEGE (Signal Peak Campus)
Woodruff at Overfield Road
Coolidge, Arizona 85228
College Dean: Dr. Harry J. Braun Tel. 723-4141

GILA RIVER CAREER CENTER
Sacaton, Arizona 85228
Dean & Campus Director: Dr. Bonnie Powers Tel. 562-3340

ARIZONA STATE COMMUNITY COLLEGES (Cont'd)

YAVAPAI COUNTY COMMUNITY COLLEGE DISTRICT

YAVAPAI COLLEGE (1969)
1100 East Sheldon Street
Prescott, Arizona 86301
President: Dr. Joseph F. Russo Tel. 445-7300

YUMA COUNTY COMMUNITY COLLEGE DISTRICT

ARIZONA WESTERN COLLEGE (1963)
P. O. Box 929
Yuma, Arizona 85364
President: Dr. Kenneth Borland Tel. 726-1000

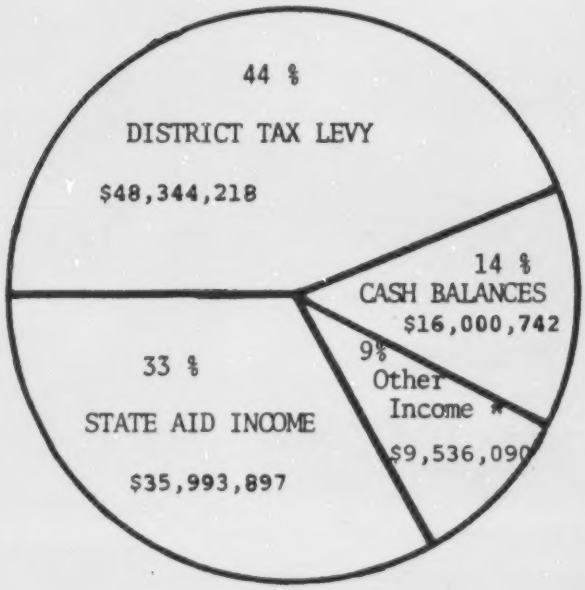
SECTION THREE

FINANCIAL

DATA

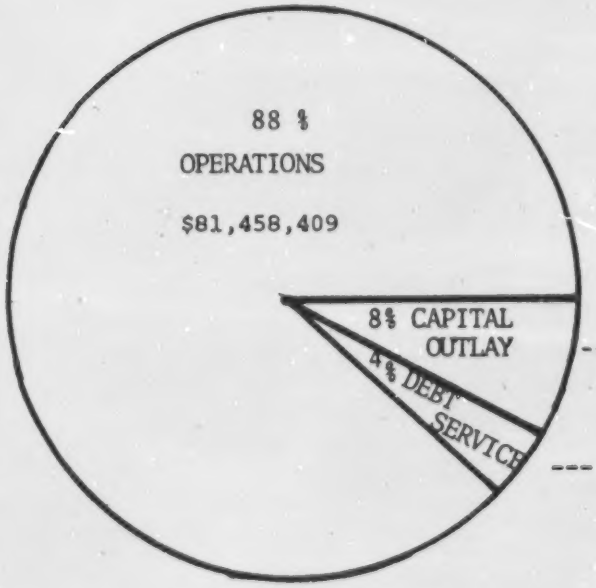
SECTION THREE

REVENUE & EXPENDITURES
1977-78
(Summary Data - All Districts)



*Tuition	4%
Federal	1%
Other	4%

TOTAL REVENUE SOURCES
1977-78
$109,874,947



TOTAL EXPENDITURES
1977-78
$92,465,082

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA
SOURCE AND DISPOSITION OF FUNDS
FISCAL YEAR 1977-78

SOURCE

Community College Districts	OPERATIONAL			CAPITAL OUTLAY			Tuition	Federal*	Other	Total Income
	Fund Balance	Dist. Levy	State Aid	Fund Balance	Dist. Levy	State Aid				
Cochise County	$ 785,408	$ 1,585,487	$ 1,479,672	$ 1,067,351	$ 132,937	$ 303,075	$ 361,488	$ -0-	$ 208,138	$ 5,923,556
Graham County	570,681	335,691	2,303,308**	172,417	238,776	257,715	1,075,243	-0-	442,448	5,396,279
Maricopa County	3,709,607	24,074,729	13,231,784	2,654,115	320,996	3,514,185	1,259,510	44,100	859,374	49,668,400
Mohave County	315,346	1,364,797	920,220	89,038	-0-	172,192	-0-	10,051	247,037***	3,118,681
Navajo County	930,348	1,390,562	886,288	188,522	436,850	159,570	30,374	1,992	13,678	4,038,184
Pima County	2,011,111	7,650,818	6,056,440	1,928,901	1,014,718	1,542,645	626,186	100,000	1,784,022	22,714,841
Pinal County	199,359	3,666,747	1,785,404	786,774	334,475	382,927	353,691	470,561	713,140	8,693,078
Yavapai County	159,508	2,598,746	1,212,560	26,360	336,454	250,830	157,652	-0-	269,389	5,011,499
Yuma County	379,295	2,743,254	1,272,912	26,601	118,181	262,170	243,409	78,000	186,607	5,310,429
Total	$ 9,060,663	$45,410,831	$29,148,588	$ 6,940,079	$ 2,933,387	$6,845,309	$4,107,553	$704,704	$4,723,833	$109,874,947
Percent of Total	8.3%	41.3%	26.5%	6.3%	2.7%	6.2%	3.7%	0.7%	4.3%	100.0%

DISPOSITION

Community College District	Operations	Capital Outlay	Bond Redemption	Total Expenditures	Year End Fund Balances: Operations	Year End Fund Balances: Capital & Bonds	Totals	Cost & Income Factors for Operations: FTSE	Oper. Cost/ FTSE	St.Aid Rec'd/ FTSE	Dist. Levy/ FTSE
Cochise County	$ 4,197,378	$ 270,078	$ 228,100	$ 4,695,556	$ 132,685	$1,095,315	$ 5,923,556	2,245	$1,870	$ 659	$ 706
Graham County	3,701,498	423,310	105,769	4,230,577	843,560	322,142	5,396,279	1,909	1,939	1,207**	176
Maricopa County	38,971,697	2,195,421	1,673,300	42,840,418	3,889,126	2,938,856	49,668,400	26,032	1,497	508	925
Mohave County	2,339,438	299,208	-0-	2,638,646	341,241	138,794	3,118,681	1,276	1,833	721	1,070
Navajo County	2,274,435	628,624	-0-	2,903,059	968,638	166,487	4,038,184	1,182	1,924	750	1,176
Pima County	15,960,573	2,480,901	712,525	19,153,999	811,907	2,748,935	22,714,841	11,427	1,397	530	670
Pinal County	6,030,077	250,948	608,735	6,889,760	508,781	1,294,537	8,693,078	2,836	2,126	630	1,293
Yavapai County	3,869,809	353,965	338,197	4,561,971	363,520	86,008	5,011,499	1,858	2,083	653	1,399
Yuma County	4,113,504	285,374	152,218	4,551,096	651,238	108,095	5,310,429	1,942	2,118	655	1,413
Total	$81,458,409	$7,187,829	$3,818,844	$ 92,465,082	$ 8,510,696	$8,899,169	$109,874,947	50,707	$1,606	$ 575	$ 896
Percent of Total	88.1%	7.8%	4.1%	100.0%					(St. Ave.)	(St. Ave.)	(St. Ave.)

* These federal funds are reported because they are expended through the current operating budget, and in most cases they do generate full-time equivalent students. However, the funds as reported do not include all of the federal funds received and expended.

** Includes Equalization Aid - $1,009,012. *** Includes $3,175 in G.O. Bonds.

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA

SUMMARY OF CURRENT OPERATING EXPENDITURES 1977-78

SUMMARY BY LINE ITEM

Community College Districts	Salaries & Wages	Current Fixed Charges	Communications	Supplies	Other Contr. Services	Travel	Library Books	Misc.	Total Current Operating Exp.
Cochise County	$ 2,809,178	$ 734,631	$ 217,057	$ 252,996	$ 46,378	$ 69,234	$ 5,513	$ 62,391	$ 4,197,378
Graham County	2,492,720	525,287	159,682	340,263	70,307	69,829	31,587	11,823	3,701,498
Maricopa County	29,429,623	5,128,151	2,420,257	1,211,576	226,612	121,698	-0-	433,780	38,971,697
Mohave County	1,558,044	455,231	97,697	145,341	42,633	30,715	8,863	914	2,339,438
Navajo County	1,483,126	379,691	107,867	137,028	111,112	35,681	4,160	15,770	2,274,435
Pima County	13,020,982	696,319	984,484	650,598	479,542	97,892	-0-	30,756	15,960,573
Pinal County	4,066,483	781,873	357,476	564,100	174,752	67,072	12,504	5,817	6,030,077
Yavapai County	2,652,778	452,082	285,473	182,518	143,983	57,606	-0-	95,369	3,869,809
Yuma County	2,712,570	513,634	292,606	318,221	134,196	37,534	-0-	104,743	4,113,504
Total	$60,225,504	$ 9,666,899	$ 4,922,599	$3,802,641	$ 1,429,515	$587,261	$62,627	$761,363	$ 81,458,409
Percent of Total	73.9%	11.9%	6.0%	4.7%	1.8%	0.7%	0.1%	0.9%	100.0%

SUMMARY BY FUNCTION

Community College Districts	Instruction	Student Svs. & Gen. Exp.	Physical Plant	Administration	Library & Audio Visual	Auxiliary Enterprises	Total Current Operating Exp.
Cochise County	$ 2,223,455	$ 799,804	$ 590,893	$ 390,076	$ 133,300	$ 59,850	$ 4,197,378
Graham County	1,789,357	826,724	447,910	367,483	107,723	152,301	3,701,498
Maricopa County	24,713,301	4,274,020	5,066,018	3,176,707	1,741,651	-0-	38,971,697
Mohave County	1,239,656	604,058	207,088	192,504	88,706	7,426	2,339,438
Navajo County	1,397,362	261,709	165,942	309,182	140,240	-0-	2,274,435
Pima County	9,520,977	1,502,213	2,199,214	2,063,985	661,781	12,403	15,960,573
Pinal County	3,165,658	1,021,799	953,238	577,782	236,055	75,545	6,030,077
Yavapai County	2,188,550	439,407	635,189	412,555	154,108	40,000	3,869,809
Yuma County	1,658,165	819,859	780,579	592,045	80,688	182,168	4,113,504
Total	$ 47,896,481	$ 10,549,593	$11,046,071	$ 8,082,319	$ 3,344,252	$ 539,693	$ 81,458,409
Percent of Total	58.8%	12.9%	13.6%	9.9%	4.1%	0.7%	100.0%

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA
ANALYSIS OF STATE AID INCOME, 1977-78

Community College District	Basic Aid	Voc/Tech Aid	Total Operational State Aid	Total FTSE*	Oper. St.Aid Rec'd/FTSE	Voc/Tech FTSE Amount	Voc/Tech FTSE % - Total FTSE	Cap. Outlay State Aid	Total State Aid
Cochise County	$ 1,227,800	$ 251,872	$ 1,479,672	2,245	$ 659	926	41.2%	$ 303,075	$ 1,782,747
Graham County	2,088,972**	214,336	2,303,308**	1,909	1,207**	788	41.3%	257,715	2,561,023**
Maricopa County	11,693,640	1,538,144	13,231,784	26,032	508	8,194	31.5%	3,514,185	16,745,969
Mohave County	801,220	119,000	920,220	1,276	721	438	34.3%	172,192	1,092,412
Navajo County	760,080	126,208	886,288	1,182	750	464	39.3%	159,570	1,045,858
Pima County	5,267,880	788,560	6,056,440	11,427	530	3,935	34.4%	1,542,645	7,599,085
Pinal County	1,488,060	297,344	1,785,404	2,836	630	1,144	40.3%	382,927	2,168,331
Yavapai County	1,057,520	155,040	1,212,560	1,858	653	570	30.7%	250,830	1,463,390
Yuma County	1,094,480	178,432	1,272,912	1,942	655	656	33.8%	262,170	1,535,082
Totals	$25,479,652	$ 3,668,936	$29,148,588	50,707	$ 575 (State Average)	17,115	33.8%	$ 6,845,309	$35,993,897
Percent of Totals	87.4%	12.6%	100.0%						

Total FTSE ..... - 1.3% over 1976-77
Vocational/Technical FTSE - 6.4% over 1976-77
Operational State Aid - 5.2% over 1976-77
Total State Aid ..... - 2.8% over 1976-77

* 45-Day Census Count: Fall and Spring semester averaged and verified by Auditor General's office for purpose of state aid qualifications.
** Includes Equalization Aid Grant of $1,009,012.

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA

SUMMARY OF BONDED INDEBTEDNESS AND PLANT INVESTMENT*

	Cochise Co.	Graham Co.	Maricopa Co.	Mohave Co.	Navajo Co.	Pima Co.	Pinal Co.	Yavapai Co.	Yuma Co.	Totals
Total Plant Investment										
Land & Land Improvement	$ 573,392	$ 198,008	$ 8,047,120	$ 56,343	$ 317,316	$ 1,471,719	$ 90,077	$ 440,827	$ 199,761	$ 11,394,563
Buildings & Improvement	6,340,850	5,238,420	40,342,540	1,090,296	257,866	20,234,056	10,653,382	5,856,644	7,436,112	97,450,166
Equipment	2,120,450	1,788,949	13,913,585	1,156,956	1,460,695	6,569,414	3,725,558	2,647,601	2,091,864	35,475,072
Total	$9,034,692	$7,225,377	$62,303,245	$2,303,595	$2,035,877	$28,275,189	$14,469,017	$8,945,072	$9,727,737	$144,319,801
Total G. O. Bonds										
Authorized	$3,100,000	$1,675,000	$14,780,000	-0-	-0-	$ 5,990,000	$ 8,000,000	$2,500,000	$2,840,000	
Sold	3,100,000	1,675,000	14,780,000	-0-	-0-	5,990,000	8,000,000	2,500,000	2,840,000	
Redeemed	2,500,000	700,000	7,370,000	-0-	-0-	2,090,000	1,060,000	1,050,000	2,330,000	
Total Revenue Bonds										
Authorized	$1,295,000	$ 619,000	$12,750,000	-0-	-0-	$ 7,340,000	$ 1,500,000	$1,250,000	$2,905,000	
Sold	1,295,000	619,000	12,750,000	-0-	-0-	7,340,000	1,500,000	1,250,000	2,905,000	
Redeemed	345,000	138,000	4,705,000	-0-	-0-	765,000	225,000	335,000	440,000	
Total Refunding Bonds										
Authorized	-0-	-0-	$14,605,000	-0-	-0-	$ 7,555,000	$ 1,115,000	$1,855,000	-0-	
Sold	-0-	-0-	14,605,000	-0-	-0-	7,555,000	1,115,000	1,855,000	-0-	
Redeemed	-0-	-0-	-0-	-0-	-0-	-0-	120,000	-0-	-0-	

	Cochise Co.	Graham Co.	Maricopa Co.	Mohave Co.	Navajo Co.	Pima Co.	Pinal Co.	Yavapai Co.	Yuma Co.
DISTRICT ASSESSED VALUATION 1977-78	$195,376,159	$45,258,387	$3,058,514,752	$200,579,982	$234,211,348	$1,325,048,027	$334,297,723	$233,223,582	$205,423,810
COLLEGE DISTRICT TAX RATE 1977-78	$0.92	$1.35	$0.76	$0.7961	$0.7648	$0.6547	$1.1878	$1.3497	$1.3908

* These amounts are inclusive from the inception of each district to June 30, 1978.

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA

HISTORY OF STATE AID TO COMMUNITY COLLEGES
Fiscal Years 1962-63 - 1977-78

Fiscal Year	Operational State Aid	Vocational/Technical Operational St. Aid	Total Operational State Aid	Capital Outlay State Aid	Total State Aid
1962-63	$ 303,100	---	$ 303,100	$ 81,190	$ 384,290
1963-64	$ 2,784,570	---	$ 2,784,570	$ 827,310	$ 3,611,880
1964-65	$ 3,473,050	---	$ 3,473,050	$1,067,545	$ 4,540,595
1965-66	$ 5,050,675	---	$ 5,050,675	$1,453,715	$ 6,504,390
1966-67	$ 6,001,100	---	$ 6,001,100	$1,741,790	$ 7,742,890
1967-68	$ 6,228,425	---	$ 6,228,425	$1,827,350	$ 8,055,775
1968-69	$ 6,720,700	---	$ 6,720,700	$1,978,230	$ 8,698,930
1969-70	$ 8,600,025	---	$ 8,600,025	$2,506,540	$11,106,565
1970-71	$10,853,500	---	$10,853,500	$3,178,025	$14,031,525
1971-72	$14,124,746	---	$14,124,746	$3,388,651	$17,513,397
* 1972-73	$15,559,845	$ 2,092,989	$17,652,834	$4,179,173	$21,832,007
1973-74	$17,305,424	$ 2,446,291	$19,751,715	$4,317,384	$24,069,099
1974-75	$21,922,765	$ 3,175,650	$25,098,415	$6,049,080	$31,147,495
1975-76	$25,809,587	$ 3,775,681	$29,585,268	$7,207,180	$36,792,448
1976-77	$24,301,281	$ 3,454,088	$27,755,369	$7,258,102	$35,013,471
1977-78	$25,479,652	$ 3,668,936	$29,148,588	$6,845,309	$35,993,897

* New formula for state aid enacted.

SECTION FOUR

ENROLLMENT

DATA

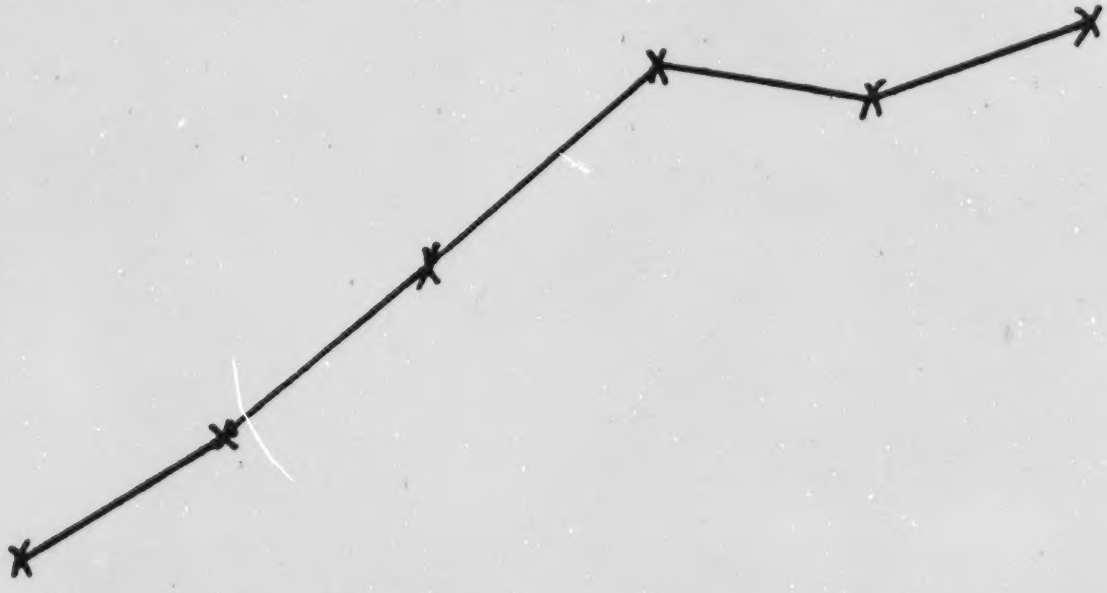
1972-73 - 1977-78
FTSE GROWTH PATTERNS

1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
30,957 FTSE	34,915 FTSE	44,808 FTSE	53,388 FTSE	50,060 FTSE	50,707 FTSE

+12.8% incr. +28.3% incr. +19.1% incr. (6.2%) decr. +1.3% incr.

1972-73 - 1977-78
HEADCOUNT GROWTH PATTERNS

1972-73	1973-74	1974-75	1975-76	1976-77	1977-78
53,843 H.C.	64,583 H.C.	80,101 H.C.	97,266 H.C.	94,436 H.C.	99,133 H.C.



+19.9% incr. +24% incr. +21.4% incr. (2.9%) decr. +5% incr.

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA
FULL-TIME STUDENT EQUIVALENT ENROLLMENT
Fall Semester 1963-64 Through 1971-72
Averaged FTSE 1972-73 Through 1977-78 *

	COCHISE	GRAHAM	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	YAVAPAI	YUMA	TOTALS
1963-64	---	629	4,576	---	---	---	---	---	536	5,741
1964-65	567	654	7,134	---	---	---	---	---	953	9,308
1965-66	824	858	9,411	---	---	---	---	---	1,134	12,227
1966-67	811	942	10,966	---	---	---	---	---	1,333	14,052
1967-68	929	1,010	12,367	---	---	---	---	---	1,309	15,615
1968-69	1,072	1,075	14,329	---	---	---	---	---	1,454	17,930
1969-70	1,144	1,112	16,445	---	---	---	801	495	1,509	21,506
1970-71	1,315	1,031	18,142	---	---	2,380	1,488	665	1,651	26,672
1971-72	1,311	1,136	19,433	---	---	3,790	2,208	867	1,805	30,550
* 1972-73	1,339	1,174	19,240	---	---	4,647	2,022	966	1,569	30,957
* 1973-74	1,496	1,478	20,065	---	---	6,453	2,263	1,296	1,864	34,915
* 1974-75	1,842	1,643	24,545	639	794	8,859	2,489	1,803	2,194	44,808
* 1975-76	2,178	2,332	28,554	1,006	1,044	11,189	2,889	2,081	2,115	53,388
* 1976-77	2,332	1,755	26,394	1,164	880	10,885	2,657	1,949	2,044	50,060
* 1977-78	2,245	1,909	26,032	1,276	1,182	11,427	2,836	1,858	1,942	50,707

* FTSE enrollment from 1972-73 through the present, indicates averaged FTSE for the Fall and Spring semesters. State Aid is based on the averaged FTSE enrolled for the year, as per Arizona Revised Statutes. FTSE equals the total number of student credit hours generated per year divided by 30.

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA
HEADCOUNT ENROLLMENT - FALL SEMESTER
1963-64 Through 1977-78

	COCHISE	GRAHAM	MARICOPA	MOHAVE	NAVAJO	PIMA	PINAL	YAVAPAI	YUMA	TOTALS
1963-64	---	826	8,873	---	---	---	---	---	966	10,665
1964-65	1,018	789	12,512	---	---	---	---	---	1,634	15,953
1965-66	1,215	890	16,244	---	---	---	---	---	1,670	20,019
1966-67	1,098	951	18,149	---	---	---	---	---	1,809	22,007
1967-68	1,352	1,035	19,460	---	---	---	---	---	1,889	23,736
1968-69	1,503	1,346	22,692	---	---	---	---	---	2,183	27,724
1969-70	1,605	1,593	26,631	---	---	---	2,070	801	2,337	35,037
1970-71	1,767	1,736	28,827	---	---	3,530	2,891	1,006	3,015	42,772
1971-72	2,151	1,792	31,230	---	---	5,588	4,446	1,383	3,025	49,615
1972-73	2,159	2,094	33,672	---	---	7,616	3,891	1,702	2,709	53,843
1973-74	2,483	2,781	37,093	---	---	11,669	4,437	2,534	3,586	64,583
1974-75	2,829	2,690	43,541	1,521	2,010	15,266	4,427	3,909	3,908	80,101
1975-76	3,407	4,027	49,954	2,635	2,993	19,588	5,961	4,689	4,012	97,266
1976-77	3,863	3,109	48,327	2,710	2,289	20,003	5,846	4,242	4,047	94,436
1977-78	3,977	3,363	49,785	3,305	3,173	21,351	6,090	4,309	3,780	99,133

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA

VOCATIONAL FTSE HISTORY

Fiscal Year 1972-1978

Fiscal Year	Vocational FTSE	Percent of Total FTSE	Total FTSE	Total State Aid To Vocational FTSE	Percent of Total Operational State Aid
1972-73	9,496	30.7%	30,957	$2,092,989	12 %
1973-74	11,248	32.2%	34,915	$2,446,291	12 %
1974-75	14,857	33.2%	44,808	$3,175,650	12.6%
1975-76	17,817	33.4%	53,388	$3,775,681	12.8%
1976-77	16,092	32.1%	50,060	$3,454,088	12.4%
1977-78	17,115	33.8%	50,707	$3,668,936	12.6%

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA
Fall 1977 Headcount
Enrollment Characteristics

	Cochise County	Graham County	Maricopa County	Mohave County	Navajo County	Pima County	Pinal County	Yavapai County	Yuma County	TOTALS	Percent
Resident & Non-Resident											
Resident	3,677	1,284	46,282	3,232	2,575	19,420	4,883	3,286	2,808	87,447	88.2%
Out-of-County	151	1,945	580	26	586	797	957	914	220	6,176	6.2%
Out-of-State & Foreign	149	134	2,923	47	12	1,134	250	109	752	5,510	5.6%
Totals	3,977	3,363	49,785	3,305	3,173	21,351	6,090	4,309	3,780	99,133	100.0%
Ethnic Background											
American Indian	25	261	806	145	738	467	590	218	116	3,366	3.4%
Anglo-American	2,648	2,410	42,397	3,097	2,222	15,524	4,324	3,918	2,270	78,810	79.5%
Black	159	99	1,942	6	160	1,016	133	20	166	3,701	3.7%
Oriental	69	16	394	7	12	226	17	47	33	821	0.8%
Mexican American	739	577	4,246	50	41	4,118	1,026	106	671	11,574	11.7%
Other	337	---	---	---	---	---	---	---	524	861	0.9%
Totals	3,977	3,363	49,785	3,305	3,173	21,351	6,090	4,309	3,780	99,133	100.0%
Age Distribution											
15-19 years	912	598	11,387	233	1,647	3,982	1,156	786	1,196	21,897	22.1%
20-29 years	1,504	1,279	15,058	855	804	10,121	2,008	1,371	1,520	34,520	34.8%
30-39 years	729	614	13,787	719	563	3,737	1,064	649	558	22,420	22.6%
40-59 years	675	403	8,268	897	127	3,102	1,036	710	416	15,634	15.8%
60 + years	87	155	918	601	32	196	826	744	90	3,649	3.7%
Undeclared	70	314	367	---	---	213	---	49	---	1,013	1.0%
Totals	3,977	3,363	49,785	3,305	3,173	21,351	6,090	4,309	3,780	99,133	100.0%

STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA
STAFFING PROFILE - 1977-78

Certificated Personnel

	Cochise County	Graham County	Maricopa County	Mohave County	Navajo County	Pima County	Pinal County	Yavapai County	Yuma County	TOTALS	Percent
Full-Time Faculty	68	71	725	41	24	222	92	57	65	1,365	26.6%
Part-Time Faculty	243	163	1,309	161	256	865	308	293	170	3,768	73.4%
Total Certificated	311	234	2,034	202	280	1,087	400	350	235	5,133	100.0%

Non-Certificated Personnel

Instruction	68	---	155	12	---	109	92	79	18	533	23.3%
Library & Audio Visual	8	3	71	6	7	46	13	8	6	168	7.4%
Administration	24	15	249	10	8	24	20	25	18	393	17.2%
Student Services & General Expense	18	8	139	16	40	180	28	21	40	490	21.4%
Physical Plant	34	26	193	11	8	99	42	33	40	486	21.3%
Auxiliary Enterprises	22	---	66	1	---	18	76	19	12	214	9.4%
Total Non-Certificated	174	52	873	56	63	476	271	185	134	2,284	100.0%
Total Certificated & Non-Certificated Personnel	485	286	2,907	258	343	1,563	671	535	369	7,417	

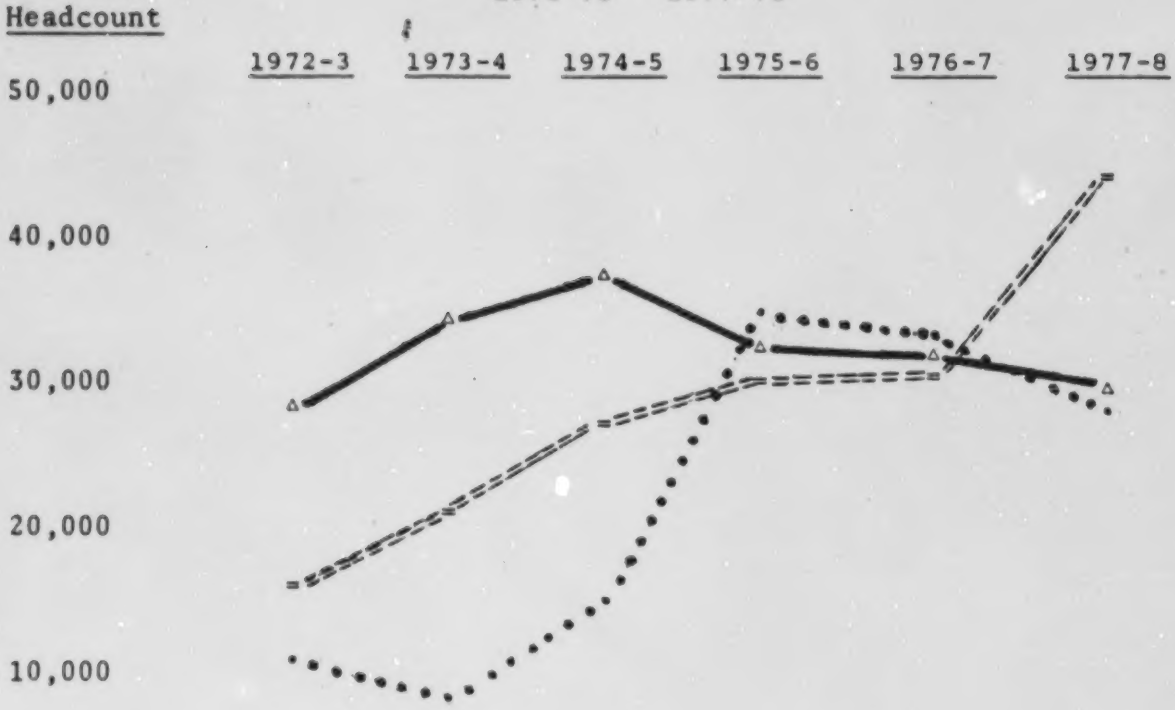
STATE COMMUNITY COLLEGE SYSTEM OF ARIZONA

Average Headcount Enrollment - Credit Courses

Fiscal Year 1977-78

Community College District	University Parallel	Occupational	Unselected Major	Total Credit Enrollment
Cochise County	1,952	1,507	558	4,017
Graham County	848	1,381	1,286	3,515
Maricopa County	14,420	20,525	14,049	48,994
Mohave County	705	1,849	983	3,537
Navajo County	1,479	1,249	742	3,470
Pima County	6,315	10,180	5,051	21,546
Pinal County	917	3,740	1,507	6,164
Yavapai County	706	1,561	2,173	4,440
Yuma County	1,123	1,333	1,493	3,949
TOTALS	28,465	43,325	27,842	99,632
Percent	28.6%	43.5%	27.9%	100.0%

MAJOR COURSE OF STUDY ENROLLMENT GRAPH
1972-73 - 1977-78



LEGEND: ΔΔΔΔΔΔΔ University Parallel
======= Occupational
..... Unselected Major

	1972-3	1973-4	1974-5	1975-6	1976-7	1977-8 *
Univ. Par.	27,921	34,087	37,415	32,761	31,791	28,465
	--	+ 22%	+ 10%	-(12%)	-(3%)	-(10%)
Occup.	15,320	20,674	27,503	30,082	30,262	43,325
	--	+ 35%	+ 33%	+ 9%	+ 0.6%	+ 43%
Unsel. Maj.	10,602	9,822	15,183	34,423	32,383	27,842
	--	-(7%)	+ 55%	+ 126%	- (6%)	-(14%)
Total H.C.	53,843	64,583	80,101	97,266	94,436	99,672
	--	+ 20%	+ 24%	+ 21%	- (3%)	+ 5.5%

* Averaged Headcount. Previous years Fall Headcount only.

SECTION FIVE

CAREER

DEVELOPMENT

CAREER DEVELOPMENT

Arizona's community colleges have accepted the role of serving as major manpower training agencies. This includes training youth and adults for gainful employment in those occupations that require some type of postsecondary training, but something less than a baccalaureate degree.

The following statistics were obtained from the Department of Education, Division of Vocational Education. THESE FIGURES ARE COMPILED ACCORDING TO SPECIFIC FEDERAL REQUIREMENTS AND, THEREFORE, WILL NOT COINCIDE WITH PREVIOUSLY REPORTED ENROLLMENT FIGURES. This is a cumulative record of all enrollment during the entire year.

During the 1977-78 fiscal year, community colleges in Arizona reported the following number of enrollments in vocational-technical credit courses. This unduplicated count indicates one student counted only once whether enrolled in one or several courses.

County			
Cochise	Cochise College		3,079
Graham	Eastern Arizona College		2,218
Maricopa			37,775
	Glendale Community College	7,954	
	Maricopa Technical College	6,391	
	Mesa Community College	8,830	
	Phoenix College	10,655	
	Scottsdale Community College	3,945	
Mohave	Mohave Community College		2,515
Navajo	Northland Pioneer College		2,245
Pima	Pima Community College		16,605
Pinal			3,849
	Arizona College of Technology		
	Central Arizona College		
Yavapai	Yavapai College		3,001
Yuma	Arizona Western College		2,737
STATE TOTAL (unduplicated count)			74,024

Enrollment for college credit courses in occupational education falls into the following categories:

Occupational Area	Enrollment
Agriculture	1,971
Distributive Education	16,858
Health Occupations	9,144
Home Economics	7,475
Office Education	17,618
Technical Education	8,592
Trade and Industrial Education	26,278
Other	2,784
STATE TOTAL (duplicated count)	90,720

Community colleges offer many noncredit courses in vocational-technical areas to out-of-school youth and adults who need to upgrade themselves in their chosen career or to retrain for a new career. These courses do not generate state financial support under the FTSE formula.

County		Adult Enrollment in Noncredit Courses in Voc-Tech Education
Cochise	Cochise College	1,524
Graham	Eastern Arizona College	315
Maricopa		9,403
	Glendale Comm. College -0-	
	Maricopa Tech. College -0-	
	Mesa Community College 1,459	
	Phoenix College 6,101	
	Scottsdale Comm. College -0-	
	Maricopa District 1,843	
Mohave	Mohave Community College	1,041
Navajo	Northland Pioneer College	87
Pima	Pima Community College	131
Pinal		453
	Arizona College of Tech.	
	Central Arizona College	
Yavapai	Yavapai College	389
Yuma	Arizona Western College	1,080
STATE TOTAL		14,423

Federal funds allotted to Arizona for vocational education support instruction for people of all ages in all communities and in all occupations requiring less than a baccalaureate degree. Federal vocational funds allotted to our community colleges were used to provide supplementary services that do not generate state financial support, but fall within the area of responsibility of our community colleges. These include noncredit courses for out-of-school youth and adults, career counseling and placement services, exemplary programs conducted on a pilot basis, in-service teacher training clinics and workshops, research, work-study programs for needy youth and individual tutoring or other help to the handicapped and disadvantaged. Federal funds were expended by county as follows:

County		Allotment of Federal Funds to Arizona Community Colleges
Cochise	Cochise College	$ 50,887.50
Graham	Eastern Arizona College	102,975.00
Maricopa		590,463.92
	Glendale Comm. College Maricopa Tech. College Mesa Community College Phoenix College Scottsdale Comm. College Maricopa Skill Center	
Mohave	Mohave Community College	89,081.00
Navajo	Northland Pioneer College	23,920.00
Pima	Pima Community College	278,704.85
Pinal		144,087.00
	Arizona College of Tech. Central Arizona College	
Yavapai	Yavapai College	93,882.74
Yuma	Arizona Western College	90,649.92
TOTAL ALLOTMENT OF FEDERAL VOC-TECH FUNDS TO COMMUNITY COLLEGES, Fiscal 1977-78		$1,646,651.93*

* Federal vocational funds were allotted directly to community colleges by the State Board of Education serving as the State Board for Vocational Education.

CURRICULA MATRIX FOR ARIZONA'S COMMUNITY COLLEGES

Attached is a total curricula matrix which includes all programs, academic as well as vocational, offered in Arizona's community colleges. The matrix also indicates the type of degree or certificate awarded at the completion of the program.

This project is a result of Standard II of the Rules and Regulations which was adopted by the State Community College Board on October 23, 1976. Standard II defines credit versus noncredit courses in terms of objectives, approvals, time and credit, syllabus specifications, success criteria, instructors, admissions, administration, grading, and funding.

This is the first time this matrix has been developed and distributed. We would be most appreciative to have your reactions and comments regarding the attached.

Below is the legend used in the matrix to indicate the various degrees and certificates.

LEGEND

Degrees:

Associate of Arts	1	Associate of Science	3
Associate of Applied Science	2	Associate of General Studies	4

Certificates:

Certificate	5	Respiratory Tech. Trng. Cert.	14
Basic Certificate	6	Estimating Certificate	15
Advanced Certificate	7	Installation Certificate	16
Technical Certificate	8	Service Certificate	17
Vocational Certificate	9	Trainee Certificate	18
Certificate of Proficiency	10	Detailer Certificate	19
Certificate of Competency	11	Underwriting Certificate	20
Certificate of Completion	12	Property & Casualty Certificate	21
EMS or EMT Certificate	13	Adjusting Certificate	22

* Program offered, but no designation as to whether degree or certificate.

Spring, 1978

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona College of Tech.	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Scottsdale Comm. College	Yavapai College
AGRICULTURE														
Agriculture Mechanics			2,5											
Agriculture Sciences		6	2,5											
Agriculture Technology			2											
Animal Science														
Animal Science		2						1						2
Equine Training and Management												1,5		
Business														
Agri-Business, Sales and Service					2	1		1						
Agriculture Business Management		2	5											
Agriculture Production - Middle Mgmt.					2	1								
Agriculture Production and Management								1						
Crop Science														
Crop Science								1						
Horticulture	*		2,5											2
Horticulture, Ornamental								1						
Plant Science		2												
Pre-Agricultural Sciences									1,3					
Pre-Watershed Management									1,3					
Power Equipment Technology		1												
Professional Agriculture		1			2	1								
BUSINESS														
Accounting														
Accounting									2		1	2,7	1	
Accounting, Specialized Para-Professional								1						

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona College of Tech.	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Scottsdale Comm. College	Yavapai College
BUSINESS (Cont'd)														
Business														
Business Administration	1	1	1,3	3	1	1	1	1	1	1,3	1	3	1	1
Business, General		2,6			1,2	1		1			1		1	
Computer Science														
Computer Applications/Programmer							1,8,10							
Computer Operator							1,10					8		12
Computer Programmer/Analyst												2		
Computer Science			2,5			1								
Control Technician												8		
Data Processing	*	2			1,2			1			1		1	2
Keypunch/Data-Entry Operator							10,11					6,8		12
Office Technician/Data Processing							1,8							
Systems Programmer												7		
Finance														
Banking and Finance					1,2	1	1	1	6		1	2	1	2,12
Savings and Loan												2,6,7		
Insurance												1,6,20		
Insurance		2						1				21,22		
Management														
Management		2		1,3			1		2,6			2,6,7		2
Merchandising and Selling Management							1,10							
Mid-Management	5			1,5	1,2	1		1			1,5			
Mid-Management, Building Material											1			
Mid-Management, Credit Management			5											
Mid-Management, Credit Union											1,6,7	2,6,7		
Mid-Management, Electrical Industry											1			
Mid-Management, Fashion Merchandising											6			

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona College of Tech.	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Scottsdale Comm. College	Yavapai College
BUSINESS (Cont'd)														
Management (Cont'd)														
Mid-Management, Food Service Management			5											
Mid-Management, Health Care Supervision										1,6,7				
Mid-Management, Heavy Equip. Maintenance			5											
Mid-Management, Interior Design										6				
Mid-Management, Life Insurance										1				
Mid-Management, Personnel Recruiting			5											
Mid-Management, Production Management			5											
Mid-Management, Public Administration										6				
Mid-Management, Public Relations										1,6				
Mid-Management, Purchasing			5											
Supervisory Management	2,5		2,5				11							
Marketing														
Fashion Merchandising					2									
Marketing	2	2	2				11		2,6			2,6,7		2
Merchandising														2
Office Education														
Accounting Clerk/Bookkeeping							10							
Administrative Assistant												*		
Administrative Assistant, Education								1					1	
Clerk Typist	5		5	5			10					7	1	
Court Reporter			*							1				
General Office Clerk	5		5		5	1		1	6	1,3	1,6			
Legal Assistant											1		1	
Medical Transcriber			*						6		1			
Office Administration	2		2		1									
Office Services		2			1,2				2					

27

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona College of Tech.	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Scottsdale Comm. College	Yavapai College
BUSINESS (Cont'd)														
Office Education (Cont'd)														
Receptioni[illegible]ngual				5										
Receptionist, General				5							7			
Receptionist, Legal				5							7			
Receptionist, Medical				5			10	1		1,6	7			
Receptionist/PBX Operator							11							
Secretary	5	2	5	2	1,2	1	1	1	2	2,3	6	2	1	2,12
Secretary, Bilingual				2	1,2							2,6,7		
Secretary, Certified Professional			5											
Secretary, Executive				2								2		
Secretary, Legal			*	2	1,2		10	1			1,6	2		
Secretary, Medical			*	2	1,2			1			1,6	2		
Secretary, Police					1,2									
Stenographer	5		5		5		10			3				
Transcribing Machine Operator, Legal or Medical			*											
Typing/Clerical Technician							1							
Real Estate						1		1			1	2,6,7	1	
COMMERCIAL ARTS														
Advertising Art							1,8,18					2,6	1	
Applied Art and Design														
Art, Commercial												6,7		1,6
Art, General											1			
Art, Visual Communication											1			
Functional Design												6,7		
Interior Design												1,6,7	1	

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona College of Tech.	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Scottsdale Comm. College	Yavapai College
COMMERCIAL ARTS (Cont'd)														
Applied Art and Design (Cont'd)														
Photography											1	1		
Photography, Commercial												6,7		
Graphics Technology														
Graphic Arts			2											
Graphic Communication			5				1,10,11							
Graphic Technology												2,6		
Media Technology														
Broadcasting		2												
Media Technology												2,6		
Motion Picture/TV Production													1	
EDUCATION														
Early Childhood Education														
Child Care Administration											1,6			
Child Care Assistant					2									
Child Care Center Administration								1						
Child Development		2,9												
Child Development Associate	5				5									
Child Development & Family Relations												1		
Early Childhood Education			5									1		
Education														
Elementary Education					1	1		1			1			1
Secondary Education					1	1		1			1			1
Instructional Aide														
Educational Technician									3					
Instructional Aide									5			5		

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona College of Tech.	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Scottsdale Comm. College	Yavapai College
EDUCATION (Cont'd)														
Instructional Aide (Cont'd)														
Teacher/Director											1			
Teacher's Aide								1			6	1	1	
Teacher's Aide; Bilingual						1		1						
Para-Professional														
Mental Retardation			2											
Substance Abuse			*											
Pre-Professional														
Pre-Dental			*	3	1	1		1			1	1	1	1
Pre-Engineering					1									1
Pre-Forestry				3				1					1	1
Pre-Law		1	*	1	1	1		1			1	1		1
Pre-Medical			*	3	1	1		1			1	1	1	1
Pre-Nursing					1			1			1	1		
Pre-Optometry			*		1	1		1			1		1	
Pre-Osteopathy					1						1			
Pre-Pharmacy			*	3	*			1			1	1		1
Pre-Physical Therapy				3										
Pre-Podiatry											1			
Pre-Professional Education												1		
Pre-Veterinary			*	3	1			1				1	1	
GENERAL OR EXPLORATORY STUDIES														
Family Studies													1	
General Studies					1	1		1	1		1	1		
Individualized Programs			4	1										
Southwest Studies													1	

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona College of Tech.	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Scottsdale Comm. College	Yavapai College
HEALTH SERVICES														
Allied Health														
Allied Health Services											6			
Biomedical Technology										1				
Emergency Medical Training				13					13		5	5		13
Medical Laboratory Technician										1,5				
Medical Records Technician										1				
Medical Technology										1				
Mental Health Technology		1					1							
Ophthalmic Dispensing Technician		2		3								3		
Pre-Allied Health Services										1,3				
Pre-Health Professional		1								1,3				
Radiation Therapy Technology							1							
Radiologic Technology		2		3			1					3		
Respiratory Therapy		2		3			1,14					3,7		
Surgical Technology							1,10							
Unit Clerk							11							
Dental														
Dental Assisting Technician		3		3			10					7		
Dental Hygiene											1			
Dental Laboratory Technology			2,5									2		
Dental Therapy Assistant				2										
Nursing														
Nurse, Aide									*					
Nurse, Assistant			5	6			11	5				6		12
Nurse, Associate Degree				2				1						
Nurse, Practical			5	7			1,*	1	*			7	1	*
Nurse, Registered			2					1			1			
Nursing		1,2			2	1						3	1	1

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona College of Tech.	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Scottsdale Comm. College	Yavapai College
HOME ECONOMICS														
Clothing Construction/Fashion Design and Marketing														
Alteration Specialist											6			
Apparel and Interior Merchandising							1							
Clothing and Textiles, Merchandising, and Fashion Promotion											1			
Fashion Design											1			
Fashion Merchandising, Middle Management										1,6				
Housing Arts							5							
Interior Design, Middle Management										1,6				
Needle Specialist							5							
Professional Seamstress											2			
Food and Nutrition														
Food, Nutrition, Dietetics, Consumer Services in Food, Food Service Mgmt.											1			
Food Services Administration										1,6				
General Home Economics														
Home Economics, Business					2									
Home Economics, General					2	1	1		3	1	1			
LIBERAL ARTS AND SCIENCES														
Arts and Humanities														
Art	1,3	1	1,3		1	1	1	1,5	1	1		1		
Arts & Crafts											1			1

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona College of Tech.	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Scottsdale Comm. College	Yavapai College
LIBERAL ARTS AND SCIENCES (Cont'd)														
Arts and Humanities (Cont'd)														
Business Education				3										
Business and Distributive Education					1									
Drama, Applied	1,3		1,3		1						1			1
Drama, Education											1	1		
Drama, Production											1			
Drama, Theory											1			
English		1			1					1	1			1
English, Composition	1,3		1,3											
English, Creative Writing					1									
English, Journalism	1,3	1		1		1		1			1			1
English, Literature	1,3													
English, Reading	1,3													
Fine Arts											1			
Foreign Languages	1,3	1			1					1				1
History	1,3		1,3	1						1				1
Home Economics	1,3	1	1,3		1									
Industrial Arts					1									
Interpersonal Communication										1				
Liberal Arts and Sciences						1		1			1	1	1	
Mass Communications					1						1			
Mathematics	1,3	1	1,3		1			1		1		1	1	1
Music	1,3	1,2	1,3		1	1		1		1	1	1	1	1
Painting														1
Philosophy	1,3		1,3											1
Sculpture														1

CURRICULA MATRIX FOR ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona College of Tech.	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Scottsdale Comm. College	Yavapai College
LIBERAL ARTS AND SCIENCES (Cont'd)														
Arts and Humanities (Cont'd)														
Speech	1,3	1	1,3		1	1		1			1	1	1	1
Theatre Arts	1,3	1	1,3		1	1		1		1	1		1	1
Physical and Life Sciences														
Biology	1,3	1	1,3		1			1				3	1	1
Biology, Wildlife					1									
Chemistry	1,3	1	1,3			1		1			1	3	1	1
Earth Science						1					1			
Engineering		1												
Geography	1,3													1
Geological, Geophysics, Geological Engineering, and Marine Science		1												
Geology	1,3		1,3			1		1		1	1	3	1	1
Physical Science			1,3		1									1
Physics	1,3	1	1,3			1		1			1	3		1
Pre-Biological Sciences										1				
Science	1,3	1												
Physical Education	1,3	1	1,3	1	*	1		1		1,3	1	1	1	1
Social Sciences & Behavioral Sciences														
American Indian Studies														1
Anthropology	1,3		1,3	1	1									1
Archaeology	1,3													
Political Science	1,3		1,3		1									1
Psychology	1,3		1,3	1	1				1	1				1
Social Science		1			1									1
Social Work			1,3											
Sociology	1,3		1,3						1	1				1

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

SERVICE OCCUPATIONS	Arizona College of Tech.	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Scottsdale Comm. College	Yavapai College
Administration of Justice														
Administration of Justice	2		2	3	1,2	1		1	2	3	1		1	2
Corrections			2									1		
Criminal Justice				2,5								1		
Law Enforcement		1,2												
Police Certification									5					
Archaeology Aide				5										
Fire Science	*	2		2	1,2			1	2	3	1	2	1	2,6
Forestry					1									
Geological Aide		2												
Hospitality														
Commercial Food Service			2,5											
Executive Housekeeping												6,7		
Food & Beverage												6		
Front Office							11							
Hospitality													1,5	
Hotel-Motel Management					2							2,6		
Library Technology								1				2,7		
Museum Aide				5										
Pre-Forestry										1,3				
Recreation														
Natural Resource Recreation												2		
Parks Management													1,5	
Pre-Professional Recreation												*		
Recreation Aide			2								1			
Recreation Leader												2		

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona College of Tech.	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Scottsdale Comm. College	Yavapai College
SERVICE OCCUPATIONS (Cont'd)														
Social Services														
Community Nutrition Worker			5											
Counselor Technician										1,10				
Social Services											1,6			
Social Services, Subspecialty in Drug Counseling											1,7			
TECHNOLOGY														
Air Conditioning and Refrigeration														
Air Conditioning											6			
Air Conditioning and Refrigeration	5		5		10		1,5,15, 16, 17							
Air Conditioning and Sheet Metal Technology											2			
Air Conditioning, Heating, and Ventilation											11			
Business and Sales			2											
Refrigeration									5					
Apprentice-Related Instruction							*				6			
Automotive Technology														
Alignment, Brakes and Chassis							5							
Auto Business					2									
Automatic Transmissions							5							
Automotive Service Technology					1,2									
Automotive Technology		2				1	1	1	2	2,3		2		2,6
Brake and Alignment									5					
Brakes			5											

63

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona College of Tech.	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Scottsdale Comm. College	Yavapai College
TECHNOLOGY (Cont'd)														
Automotive Technology (Cont'd)														
Business and Sales	2,5		2,5											
Chassis						5								
Electrical and Fuel Systems									5					
Engine Overhaul and Air Conditioning							5							
Engine Repair and Rebuilding								5			6			
Engines and Drive Cranes						5								
Engines and Repair			5											
Fuel Exhaust and Alignment			5											
Mechanics	2,5		2,5		10						8			
Power Transmissions											6			
Steering, Suspension and Alignment			5											
Suspension and Brakes								5			6			
Technical							5							
Tune-Up			5				5							
Tune-Up and Air Conditioning						5		5			6			
Aviation and Aeronautics														
Airframe and Powerplant				2							6			
Professional Pilot Programs				2										
Building and Construction														
Building and Construction Inspection										1,6		1,5		
Building and Maintenance			5											
Building Trades	2,5													
Carpenters Technology			2,5						3					
Civil Engineering Technician			2,5											
Construction Graphics		2												2,6
House Wiring									3					

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona College of Tech.	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Scottsdale Comm. College	Yavapai College
TECHNOLOGY (Cont'd)														
Building and Construction (Cont'd)														
Masonry			5							3				
Plumbing			5							3				
Pre-Construction			2											
Sheetmetal Technology			5											
Chemical Technology		2									1			
Diesel and Heavy Equipment														
Diesel and Heavy Equipment	2,5						5							
Diesel and Heavy Equipment Mechanic			2,5											
Diesel Engine Systems							5							
Diesel Mechanics					10									
Diesel Technology					1,2									2,6
Heavy Equipment Operatior			2,5											
Drafting Technology														
Architecture				1							2,6,8			
Construction						1	1,18,19	1,5			1			
Detailers and Tracers			5											
Drafting Technology	*			5	1,2	1								
Electro-Mechanical							1,18,19	1,5			1	2		
Junior Draftsman			5											
Manufacturing						1								
Mechanical								1			1	2		
Technical Drafting				2,3										
Electronics														
Applicance Service Technology							6							
Business Machine Technology							1,8							
Communications, Consumer, Digital Industrial Electronics Technology											2,3,8			

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

	Arizona College of Tech.	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Scottsdale Comm. College	Yavapai College
TECHNOLOGY (Cont'd)														
Electronics (Cont'd)														
Consumer Electronics											6			
Electrical							1,8							
Electro-Mechanical										6				
Electronics, General		2		2,3		1	1,8,12			3		6		2,6
Electronics Servicing			5			5								
General Electricity	5													
Industrial Electricity Technology	2,5		2,5		10				2					
Service Technician										6				
Television Repair											6			
Vocational Electricity			5											
Engineering														
Civil Engineering Technology										1				
Electronics Engineering Technology					1,2	1		1		1				
Engineering		1		3		1		1		1	3	1		1
Mechanical Engineering Technology					1,2									
Pre-Engineering			2							3				
Jewelry									2,5					
Machine Shop Technology	2,5				1,2,10		12	5						
Manufacturing														
Manufacturing Graphics Technology		2												2,6
Manufacturing: Materials Processing														2,6
Manufacturing Processes Technology		2						1						
Manufacturing: Welding Fabrication														2,6
Marine Power														
Marine Power - Inboard, Outboard									2,5					
Marine Technology									2,5					

CURRICULA MATRIX
FOR
ARIZONA'S COMMUNITY COLLEGES

(Academic and Vocational)

TECHNOLOGY (Cont'd)	Arizona College of Tech.	Arizona Western College	Central Arizona College	Cochise College	Eastern Arizona College	Glendale Community Coll.	Maricopa Tech. Comm. Coll.	Mesa Community College	Mohave Community College	Northland Pioneer College	Phoenix College	Pima Community College	Scottsdale Comm. College	Yavapai College
Mining Technology														
Mining Engineering Technology	2													
Mining Laboratory Technology	2													
Mining Technology	2,5		2,5		1,2									2
Sheet Metal														
Fundamentals of Sheet Metal Fabrication											6			
Machine Shop Fundamentals											6			
Machinist's Standard Certificate											8			
Sheet Metal Layout and Fabrication											8			
Technical Report Writing					2									
Trade and Industrial Technology														
General Technology		2												
Industrial Arts										3				
Industrial Education		1												
Machine Tool Technology											2			
Tool Room Trades									5					
Trade and Industrial Technology											2			
Water and Wastewater Plant Operation									5					
Welding														
Certified Welder			5											
Welder's Helper			5											
Welding Technology	2,5	2	2,5		2,5		6,8,7,1	5		2,3		2,6,8		